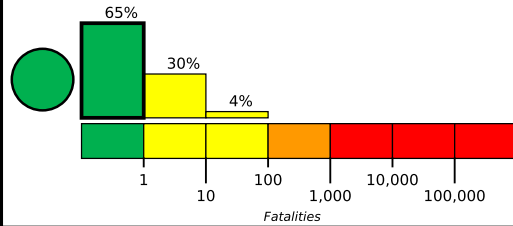


M 5.3, 5km NNE of Culasian, Philippines

Origin Time: 2020-03-01 21:19:20 UTC (Mon 05:19:20 local)
Location: 11.3555° N 124.6294° E Depth: 7.0 km

Created: 1 day, 0 hours after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

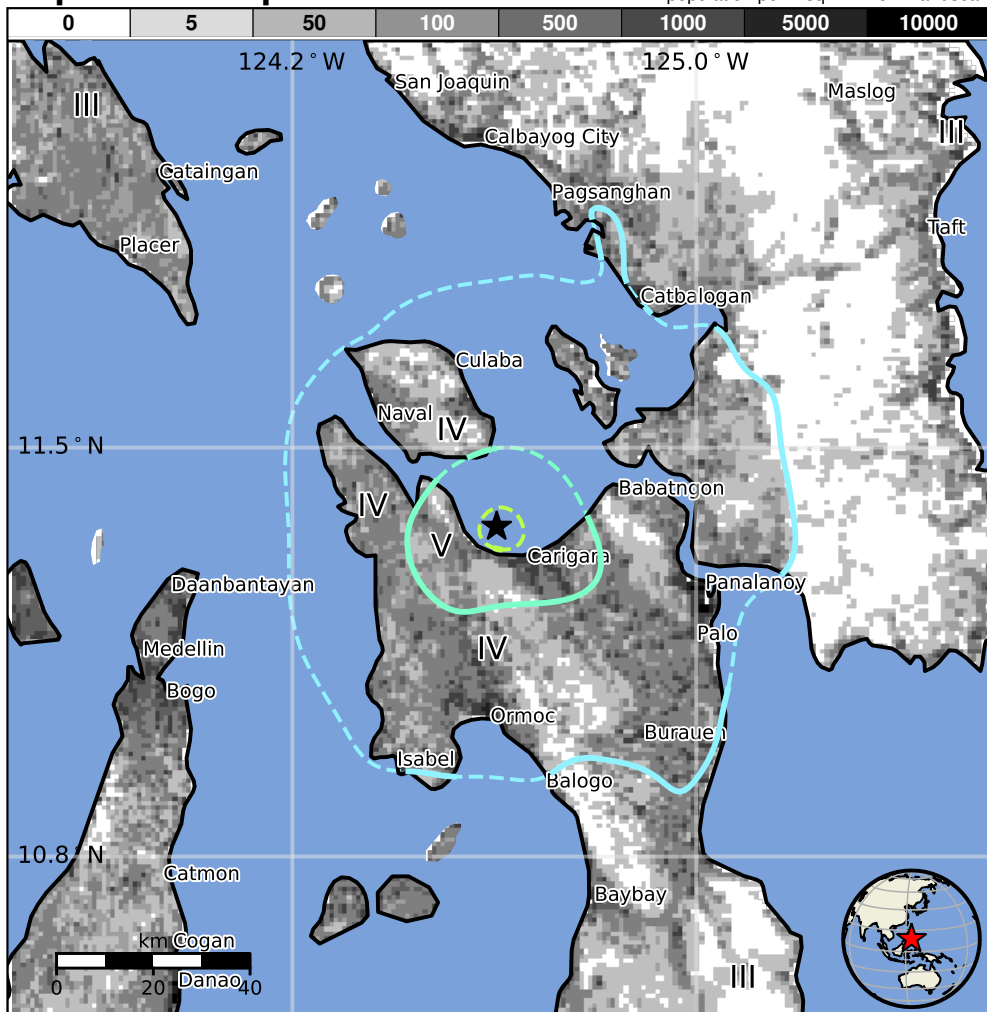


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	2,368k*	2,067k	218k	49k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-12-15	14	4.8	VI(34k)	1
1987-05-23	382	5.7	VII(70k)	1
1973-03-17	302	7.5	VIII(6k)	15

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Carigara	17k
VI	Culasian	2k
VI	Capoocan	8k
V	Guindapunan	2k
V	Pinamopoan	3k
V	Barugo	7k
IV	Ormoc	191k
IV	Panalano	189k
IV	Catbalogan	68k
III	Calbayog City	68k
III	Danao	70k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us6000871l#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000871l